CONTENTS

FIRST PART—OCTOBER 1917.

PAGE

THE EVOLUTION OF THE TETRAPOD SHOULDER GIRDLE AND FORE-LIMB. By Lieut. D. M. S. WATSON, M.Sc., R.N.V.R. 1

A CASE OF ACCESSORY LUNGS ASSOCIATED WITH HERNIA THROUGH A CONGENITAL DEFECT OF THE DIAPHRAGM. By E. A. COCKAYNE, D.M., F.R.C.P., and R. J. GLADSTONE, M.D., F.R.C.S., F.R.S.Ed. 64

FORM AND FUNCTION OF TEETH: A THEORY OF "MAXIMUM SHEAR." By D. MACKINTOSH SHAW 97

THE EARLIEST STAGES OF DEVELOPMENT OF THE BLOOD-VESSELS AND OF THE HEART IN FERRET EMBRYOS. By CHUNG-CHING WANG, M.D., Ch.B. Edin. 107

SECOND PART—JANUARY 1918.

THE EARLIEST STAGES OF DEVELOPMENT OF THE BLOOD-VESSELS AND OF THE HEART IN FERRET EMBRYOS. (*Conclusion.*) By CHUNG-CHING WANG, M.D., Ch.B. Edin. 137

THE REPRODUCTIVE ORGANS OF CETACEA. By Professor ALEXANDER MEEK . . 186

THE PRIMORDIAL CRANIUM OF ERINACEUS EUROPÆUS. By Professor EDWARD FAWCETT 211

CONGENITAL STENOSIS OF THE PULMONARY ARTERIAL VALVE, WITH PATENT FORAMEN OVALE, IN AN OLD MAN: WITH REMARKS ON THE VALVULAR FACTOR IN CARDIAC ACTION. By ALEXANDER MORISON, M.D., F.R.C.P. 251

336607

THIRD PART—APRIL 1918.

PAGE

THE INTERNAL MAMMARY LYMPHATIC GLANDS. By E. PHILIP STIBBE 257

ON ABNORMAL SEXUAL CHARACTERS IN TWIN GOATS. By Miss ESTHER RICKARDS and Professor F. WOOD JONES 265

STUDY OF AN OPODYMOUS KITTEN. By J. A. PIRES DE LIMA, M.D. 276

THE EXAMINATION OF A SKELETON OF KNOWN AGE, RACE, AND SEX. By Miss KATHLEEN F. LANDER, B.Sc. 282

THE PECTORALIS MINOR: A MORPHOLOGICAL STUDY. By Miss KATHLEEN F. LANDER, B.Sc. 292

OBSERVATIONS ON THE OMOHYOID MUSCLE. By THOMAS WALMSLEY, M.D. . . . 319

THE REDUCTION OF THE MAMMALIAN FIBULA. By THOMAS WALMSLEY, M.D. . . 326

THE RELATIONS OF THE GLOSSOPHARYNGEAL NERVE AT ITS EXIT FROM THE CRANIAL CAVITY. By E. JOYCE PARTRIDGE, M.R.C.S., L.R.C.P. 332

MULTIPLE ANOMALIES IN A HUMAN HEART. By HERNÁNI BASTOS MONTEIRO . . 335

MUSCULAR ACTION. By W. COLIN MACKENZIE, M.D., F.R.C.S. Ed. 343

FOURTH PART—JULY 1918.

THE SUBLINGUA AND THE PLICA FIMBRIATA. By Professor FREDERIC WOOD JONES . 345

A HITHERTO UNDESCRIBED MALFORMATION OF THE HEART. By H. BLAKEWAY, M.S., F.R.C.S. 354

SOME INDICES AND MEASUREMENTS OF THE MODERN FEMUR. By J. R. D. HOLTBY, M.D., Sc.B. 363

THE MUSCLES RELATED TO THE BRANCHIAL ARCHES IN RAIA CLAVATA. By EDWARD PHELPS ALLIS, Junr. 383

THE PRIMORDIAL CRANIUM OF PŒCILOPHOCA WEDDELLI (WEDDELL'S SEAL), AT THE 27-MM. C.R. LENGTH. By Professor EDWARD FAWCETT, M.D. Edin. 412

PAGE

On the Structure of the Human Soleus Muscle. By Douglas G. Reid, M.B., Ch.B. Edin., M.A. Trin. Coll. Camb. 442

The Homology of the Mammalian Alisphenoid and of the Echidna-Pterygoid. By H. Leighton Kesteven, D.Sc., M.B., Ch.M. 449

The Heart of the Leathery Turtle, Dermochelys (Sphargis) coriacea. With a Note on the Septum Ventriculorum in the Reptilia. By Chas. H. O'Donoghue, D.Sc., F.Z.S. 467

Index to Vol. LII. 481